

**REMARKS**

**I. Introduction**

At the time of the Office Action dated April 14, 2008, claims 1-13 were pending in this application. Applicants acknowledge, with appreciation, the Examiner's indication that claims 3-9 and 13 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

In this amendment, claims 2, 3, 12, and 13 have been amended, and claims 1 and 11 have been canceled. Care has been exercised to avoid the introduction of new matter. Support for the amendments to claims 2 and 12 can be found on, for example, page 21, line 14 through page 23, line 11 of the specification. Claims 3 and 13 have been amended to be in independent form.

Claims 2-10, 12, and 13 are now active in this application, of which claims 2, 3, 12, and 13 are independent.

**II. The Rejection of Claims under 35 U.S.C. § 102**

1. Claims 1, 2, and 10-12 were rejected under 35 U.S.C. §102(e) as being anticipated by Denney et al. (U.S. Patent Application Publication No. 2003/0061623) ("Denney").

It is noted that the rejection of claims 1 and 11 has been rendered moot by the cancellation of the claims.

Applicants submit that Denney does not identically disclose a device for performing bidirectional control in digital bidirectional communication including all the limitations recited in independent claim 2. Specifically, Denney does not disclose, among other things, a structure analysis block for analyzing an MPEG structure included in the received TEK process data and a MAC (Media Access Control) structure buried in the MPEG structure to perform error detection using HCS data and error detection using MAC header information except for HCS data and output

MAC state information data that represents a state and meaning of MAC data having the MAC structure,” as recited in independent claim 2. According to the claimed subject matter, an error detection function is enhanced by performing error detection using MAC header information except for HCS data, in addition to error detection using HCS data.

In the Office Action, the Examiner, referring to paragraphs [0020], [0042], and [0085] of Denney, asserted that the reference describes the claimed structure analysis block. These paragraphs of Denney appears to mention MPEG. However, importantly, they are silent on, among other things, analysis of an MPEG structure and a MAC structure buried in the MPEG structure. At least error detection using MAC header information except for HCS data is not disclosed in Denney.

Based on the foregoing, Applicants submit that Denney does not identically disclose a device for performing bidirectional control in digital bidirectional communication including all the limitations recited in amended independent claim 2. The above discussion is applicable to amended independent claim 12. Dependent claim 10 is also patentably distinguishable over Denney at least because the claim includes all the limitations recited in independent claim 1. Applicants, therefore, respectfully solicit withdrawal of the rejection of the claims and favorable consideration thereof.

2. Claims 1 and 11 were rejected under 35 U.S.C. §102(b) as being anticipated by Momona et al.

This rejection has been rendered moot by the cancellation of claims 1 and 11.

Withdrawal of the rejection of the claims is respectfully solicited.

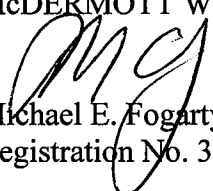
**III. Conclusion**

In view of the above remarks, Applicants submit that this application should be allowed and the case passed to issue. If there are any questions regarding this Amendment or the application in general, a telephone call to the undersigned would be appreciated to expedite the prosecution of the application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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